

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 03061983  
PUBLICATION DATE : 18-03-91

APPLICATION DATE : 29-07-89  
APPLICATION NUMBER : 01197447

APPLICANT : DAINIPPON PRINTING CO LTD;

INVENTOR : ISHIKAWA TOSHIHARU;

INT.CL. : G03H 1/02 G03F 7/031

TITLE : RELIEF HOLOGRAM RECORDING MATERIAL

ABSTRACT : PURPOSE: To facilitate fabrication of a hologram especially large in size by using a composition of an alkali-soluble polymer a polyfunctional monomer compatible with this polymer and a photopolymerization initiator composed of an organic dye and an organic peroxide.

CONSTITUTION: This composition comprises the alkali-soluble polymer, preferably, such as a styrene-acrylic copolymer and a methyl methacrylate-acrylic copolymer, the polyfunctional monomer having compatibility with the alkali- soluble polymer and at least one ethylenically unsaturated bond, and the photopolymerization initiator composed of the organic dye and the organic peroxide, thus permitting the large-sized hologram recording material that has so far not been fabricated to be fabricated.

COPYRIGHT: (C)1991,JPO&Japio